Negotiated Comparative Statement

BBMP/2020-21/OW/WORK_INDENT44037

Improvements to roads, drains and construction of culverts at Central Excise layout, hegdenagara and Surrounding areas in Ward No.06

SNo	Item Name	Unit	Estimate Quantity	Estimate Rate	Total Amount	Before Negotiation Rates of Sri. SINGIPALYA RANGAIAH MANJUNATH (SRI LAKSHMI CONSTRUCTIONS.)		After Negotiation Rates of Sri. SINGIPALYA RANGAIAH MANJUNATH (SRI LAKSHMI CONSTRUCTIONS.)	
						Quoted Rate	Total Amount	Quoted Rate	Total Amount
1	Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete with all lead and lift as per the direction of engineer-in-charge	Cum	1193.45	238.92	285139.07	267.59	319355.29	250.84	299367.51
2	Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in foundation and compacted by vibration including curing complete with all lead and lift as per the direction of engineer-in-charge	Cum	147.83	4479.56	662213.35	5017.11	741679.37	4703.09	695257.80
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete with all lead and lift as per the direction of engineer-in-charge	Cum	341.72	7070.20	2416028.74	7918.62	2705950.83	7423.00	2536588.58
4	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete with all lead and lift as per the direction of engineer-in-charge	MT	20.87	72940.72	1522272.83	81693.61	1704945.64	76580.46	1598234.24
5	Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(0.9 x 0.60 x 0.1)Data rate	Sqm	923.40	2337.00	2157985.80	2617.44	2416944.10	2453.62	2265669.29
6	Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(1.2 x 0.60 x 0.25)Data rate	Sqm	46.32	5418.00	250961.76	6068.16	281077.17	5688.36	263484.75
7	Providing and fixing pre cast solid concrete kerb stones of size 450x150x400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting ete., complete with all lead and lift as per the direction of engineer-in-charge	No	2280.00	477.00	1087560.00	534.24	1218067.20	500.80	1141829.24

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8	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete with all lead and lift as per the direction of engineer-in-charge	Sqm	307.80	84.80	26101.44	94.98	29234.84	89.03	27403.90
9	Excavation for roadwork in all types of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete with all lead and lift as per the direction of engineer-in-charge	Cum	2378.01	84.16	200133.32	94.26	224151.22	88.36	210119.97
10	Construction of granular sub-base Grading-V as sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete with all lead and lift as per the direction of engineer-in-charge	Cum	1189.00	1994.92	2371959.88	2234.31	2656594.59	2094.47	2490320.68
11	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete with all lead and lift as per the direction of engineer-in-charge	Cum	1822.73	2001.28	3647793.09	2241.43	4085521.70	2101.14	3829817.97
12	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM ,including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. MORTH Specification No. 502 complete with all lead and lift as per the direction of engineer-in-charge	Sqm	6299.50	29.68	186969.16	33.24	209395.38	31.16	196298.92
13	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision. -using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen complete with all lead and lift as per the direction of engineer-in-charge	Cum	251.98	7355.34	1853398.57	8237.98	2075806.20	7722.37	1945883.16

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14	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete with all lead and lift as per the direction of engineer-in-charge	Sqm	180.80	454.74	82216.99	509.31	92083.25	474.27	85747.65
	Total Summary Amount				16750734.02		18760806.78		17586023.68
	% against Estimated Rate						12.00		4.99